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ABSTRACT

5 A pulley unit includes a pulley and a rotor
concentrically disposed for relative rotation, a one-way
clutch interposed in an annular space therebetween, rolling
10 bearings provided on opposite sides of the one-way clutch,
and a seal ring for sealing the annular space. An inner
diametrical surface of the pulley forms an outer ring
raceway of the one-way clutch and the rolling bearing, and
an outer diametrical surface of the shaft body forms an
15 inner ring raceway of the one-way clutch and the rolling
bearing. An outer diameter side of an annular portion of a
retainer of the rolling bearing on the side of the seal
ring is reduced so as to increase a storage volume of
lubricating oil between the rolling bearing and the seal
ring.

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